SapphireSCIENTIFIC

PERFORMANCE ENGINEERING

TRUCKMOUNTS

PORTABLES

ACCESSORIES

CHEMICALS

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LEGEND REWARDS

WE REWARD YOU

Join the hundreds of Legend Brands customers who are enjoying rewards for the Dri-Eaz, Sapphire Scientific, and ProRestore products they purchase.

Log in and register and get 1000 BONUS POINTS

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HERE'S HOW THE LEGEND REWARDS PROGRAM WORKS:

1. **Just watch for Legend Rewards certificates in the product boxes for Dri-Eaz, ProRestore, and Sapphire. To receive rewards for your truckmount purchase, go to warranty.SapphireScientific.com and register your truckmount online - your reward certificate number will be emailed to you.**
2. **Go online to LegendRewards.com and register.**
3. **Enter your certificate serial numbers and start accumulating points!**
4. **Reward Yourself! Redeem rewards starting as low as 500 points.**

Scan QR code with your smartphone to register and start getting rewards

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LEASE AND FINANCE

Scan QR code with your smartphone to download application

Having the right equipment at the right time can boost your productivity and position your company to take advantage of new opportunities. When you're ready to expand your business, the Legend Brands Lease and Financing Program can help you acquire the equipment you need at a reasonable cost.

Legend Brands Lease and Financing Program
Legend Brands works with multiple finance companies to offer competitive plans with a variety of lease and financing options. For example, financing for the powerful Sapphire 370SS truckmount starts as low as $15 per day and as little as $18 per day for the dual-wand Sapphire 454SS truckmount.

To apply, go to "How to Buy/Lease" on SapphireScientific.com. Simply complete the Lease/Financing Application form, available in Word or PDF formats. The form is easy to fill out and just takes a few minutes. The completed form should be sent by fax to 888-761-8390 or by e-mail to finance@legendbrands.net. Legend Brands staff will forward the application to the financing company for initial review.

The approval process is fast, too. We can usually provide an initial response within 1 to 2 hours, and authorize the lease or finance package within a day or two.

This program extends across all Legend Brands companies, including Sapphire Scientific truckmounts, accessories and carpet cleaning chemicals as well as products from Dri-Eaz and ProRestore (makers of Unsmoke, ODORx, and Microban). Note that the total value of chemicals included in a lease or financing package may not exceed 25%.

For more information, contact your local distributor or call Legend Brands at 800-932-3030.

DRI-EAZ PRORESTORE PRODUCTS SapphireSCIENTIFIC

SCIENTIFIC

Sapphire SCIENTIFIC

Sapphire Scientific designs and manufactures the industry's most powerful, efficient and space-saving truckmounts and carpet cleaning accessories. Engineered to deliver maximum performance and durability, Sapphire products are easy to maintain and economical to operate, providing carpet cleaning professionals with the tools they need to get the job done right.

WE REWARD YOU LEGEND Rewards LEGENDREWARDS.COM

TRUCKMOUNTS

Simplify operation, increase reliability and boost your bottom line with Sapphire.

PROUDLY BUILT IN USA

Hotter and more consistent heat production.

Our patent-pending thermal well design delivers superior, more consistent heat. That means a deeper, more thorough clean.

No-dump operation.

Sapphire truckmounts do not bypass or "dump" water to the waste tank to control solution temperature. This saves water and preserves space in the waste tank, allowing operators to keep cleaning carpets longer.

Compact footprint.

Up to 30% narrower than competitive models – saves room in your vehicle.

New! Floatless Pressurized Water Box

Sapphire has designed a pressurized water supply box unique to the truckmount industry. This new design eliminates the need for an internal float valve, allowing for a water box with reduced external dimensions and freeing valuable space in the truckmount design.

Reduced vibration and wear.

Extra heavy tube frame construction practically eliminates vibration, helping to reduce component wear.

Increased reliability and less maintenance.

Unique through-frame drive belt cooling extends belt life, and an optional pre-filter box simplifies filter cleanout.

Easier maintenance.

Sapphire's Short-Reach Service Design places all user-serviceable parts within 10 inches from the exterior of the unit, ensuring fast and easy maintenance via quick-remove access panel and side hoods.

Strongest warranty in the industry.

Two years parts and labor on all components, including normal wear items. 500 hours on drive belts. See details and exclusions at:

www.SapphireScientific.com

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Sapphire Truckmounts

New! Optional submount waste tank saves space

PRO 1200

Direct drive streamlined truckmount package

For maximum reliability and simplified operation, choose the Pro-1200, Sapphire's premier direct-drive truckmount. This rugged, dependable unit saves space in your vehicle and delivers robust heat and powerful extraction capabilities for all types of cleaning.

MODEL	Pro-1200
VACUUM PUMP	Tuthill Tri-Lobe 5006. Vacuum to 16 in. Hg and flows up to 545 CFM.
SOLUTION PUMP	1200 PSI CAT 5CP
RECOVERY TANK	**Standard:** 120 gal. marine-grade aluminum **Optional:** Submount tank fits neatly under the unit; holds 84 gallons of waste water
POWER COUPLING	1 ¼in. fully enclosed steel drive shaft
CONSOLE (W × H × D) DIMENSIONS	21½ × 31¾ × 36 in. | 55 × 81 × 91 cm
KIT WEIGHT	1016 lbs. | 460.9 kg

FEATURES

- **FULLY ADJUSTABLE OPERATION FROM CONTROL PANEL.**
- **NEW BLOWER EXHAUST HEAT EXCHANGER DESIGN** improves flow, increases heat capture and and reduces noise – more serviceable too!
- **STREAMLINED WIRE HARNESS** with circuit protection for reliable operation.
- **SPECIAL DESIGN TUTHILL TRI-LOBE VACUUM BLOWER** for smoother flow, reduced noise levels and improved heat.
- **COVERED BY SAPPHIRE'S EXCLUSIVE TWO-YEAR PARTS AND LABOR WARRANTY**

PRO-1200 STANDARD EQUIPMENT

- One 12 in. quad jet double bend stainless steel wand
- One 50 ft. section of 2½ in. vacuum hose
- Two 50 ft. sections of 2 in. vacuum hose
- One reducer cuff and one connector cuff
- Three 50 ft. sections of ¼ in. high pressure solution hose
- One 50 ft. section of water hose with quick-connect fitting
- Battery box
- Installation kit
- Operation and service manual
- Vulcan Heat Exchanger

#1 SELLING TRUCKMOUNT WORLDWIDE..

370ss

From residential to commercial carpet cleaning, there's no better compact choice

The 370SS delivers on all the promises of Sapphire Premier truckmounts – better reliability, longer-lasting parts, easier maintenance, and a two-year all-parts warranty to back it up. And the Sapphire "no-dump" system saves water and preserves space in the waste tank, allowing operators to keep cleaning carpets longer. Plus, the 370SS does what comparable truckmounts do not - making big machine performance available for today's new smaller vans like the Ford Transit Connect.

POWER PLANT	20 HP Kohler Command gasoline engine operating at 3000 RPM
VACUUM PUMP	Gardner Denver TriFlow® 406 Rotary Tri-Lobe. Vacuum to 16 in. Hg and flows up to 371 CFM.
SOLUTION PUMP	General HTXS1813S producing up to 1500 PSI and 3.57 GPM at 1478 RPM.
WASTE TANK	90 gal. marine-grade aluminum standard equipped **Optional:** 120 gal. high capacity waste tank
CONSOLE W × H × D	16 × 34 × 40 in. 40.5 × 86.4 × 101.6 cm
WEIGHT	652 lbs | 296 kg

FEATURES

- **SUPERIOR HEAT PRODUCTION AND CONTROL** for carpets, upholstery, and tile cleaning – produces more usable heat, with minimal heat loss to the environment
- **UNIQUE DUMPLESS OPERATION** – saves solution, waste tank space
- **SPACE-SAVING COMPACT FOOTPRINT** – significantly smaller than closest competitor – with all the power
- **EXCLUSIVE SHORT REACH SERVICE DESIGN** – all serviceable parts within 8 inches of exterior
- **HIGH STRENGTH ALUMINUM** frame reduces damaging vibration
- **FEWER PARTS THAN ANY COMPARABLE UNIT** mean easier maintenance and greater reliability
- **LAST-STEP CHEMICAL INJECTION** maximizes pump performance.
- **EASY-OFF PANEL AND SIDE HOODS** for instant access to service points
- **EXTENDED BELT LIFE** – unique frame design directs cooling airflow over drive belts
- **INDUSTRY-LEADING TWO-YEAR WARRANTY**

370SS STANDARD EQUIPMENT

- One 12 in. dual jet wand – double-bend stainless steel
- Two 50 ft. sections of ¼ in. high pressure hose, one with shut-off valve
- One 50 ft. section of 2½ in. vacuum hose
- One 50 ft. section of 2 in. vacuum hose
- One 50 ft. section of water supply hose with quick-connect
- One reducer cuff and one connector
- Battery box
- Installation Kit
- Operation and Service Manuals

All Sapphire product specifications are subject to change.

SCIENTIFIC

PERFORMANCE
ENGINEERING

454SS

Outstanding heat and power performance - Sets the industry standard!

The 454SS powers through the toughest workday with a 35 HP high torque Briggs & Stratton Vanguard Big Block engine. Featuring Sapphire's patent pending Thermal Well heat exchange system, the revolutionary Gardner Denver HF408 Helical Tri-Lobe blower, a reliable General pump producing 1500 PSI at 5.0 GPM and our trademark MSU (maximum space utilization) design, you just can't get this kind of power and performance in a similar package anywhere else. Whether you are operating dual wands on a large commercial job or cleaning carpet, upholstery and hard surfaces in a private home, you'll be glad you chose the 454SS.

TRI-LOBE ROTORS

HEAT EXCHANGER

POWER PLANT	35 HP Briggs & Stratton gasoline engine
VACUUM PUMP	Gardner Denver TriFlow® 408 rotary tri-lobe blower producing vacuum to 16 in. Hg and flows up to 500 CFM.
SOLUTION PUMP	General HTS2016S producing up to 1500 PSI and 5.6 GPM at 1450 RPM.
WASTE TANK	90 gal. marine grade aluminum **Optional:** 120 gal. high capacity waste tank
CONSOLE (W × H × D)	20 × 42 × 48 in. | 51 × 107 × 122 cm.
WEIGHT	893 lbs. | 405 kg

FEATURES

- » **ONLY 20 INCHES WIDE** – 10 full inches narrower than nearest competitor.
- » **UNIQUE DUMPLESS OPERATION** saves solution, waste tank space.
- » **SIGNIFICANTLY QUIETER** – 454 CFM high performance helical blower delivers more vacuum with less noise.
- » **35 HP HIGH TORQUE BRIGGS & STRATTON VANGUARD BIG BLOCK SERIES ENGINE**
- » **FULL THERMOSTATIC CONTROL** for consistent heat.
- » **THROUGH-FRAME BELT COOLING** for extended service life.
- » **INDUSTRY-LEADING TWO YEAR WARRANTY**

454SS STANDARD EQUIPMENT

- One 12 in. quad jet double bend stainless steel wand
- One 50 ft. section of 2½ in. vacuum hose
- Two 50 ft. sections of 2 in. vacuum hose
- One reducer cuff and one connector cuff
- Three 50 ft. sections of ¼ in. high pressure solution hose. One section is fitted with a shut-off valve.
- One 50 ft. section of water hose with quick-connect
- Battery box
- Installation kit
- Operation and service manual

570SS

The latest advancement in co-generation heat exchange technology provides amazing temperature consistency

Looking for the longevity and reliability of a liquid-cooled power plant? The Sapphire 570SS provides that and much more with Sapphire's trademark MSU (maximum space utilization) design. Built from the ground up for dual wand residential and commercial applications, the 570SS has the reliability and capacity to serve your business growth for years to come.

Powered by a 31 HP Kubota gasoline engine, the 570SS utilizes a tube-and-shell heat exchanger plus the Sapphire patent-pending Thermal Well System to capture all the heat needed to tackle the toughest cleaning jobs. Plus, this unique technology keeps the engine cooler, extending component life and reducing maintenance, keeping you on the job making money.

POWER PLANT	31 HP Kubota 972 three-cylinder liquid cooled gasoline engine.
VACUUM PUMP	Gardner Denver HeliFlow® 408 helical tri-lobe blower producing vacuum to 16 in. and flows up to 500 CFM.
SOLUTION PUMP	General HTS2016S producing up to 1500 PSI and 5.8 GPM at 1500 RPM.
WASTE TANK	90 gal. marine grade aluminum **Optional:** 120 gal. high capacity waste tank
FRAME CONST.	Powder-coated steel
CONSOLE (W × H × D)	20 × 43 × 49 in | 51 × 109 × 124 cm
WEIGHT	1056 lbs. | 479 kg

FEATURES

- » **ONLY 20 INCHES WIDE** – narrowest liquid-cooled slide-in on the market.
- » **THREE-CYLINDER 31 HP GASOLINE LIQUID-COOLED KUBOTA** delivers ample power and long service life.
- » **HELICAL TRI-LOBE BLOWER** is quieter and produces less vibration.
- » **DRAWS ON THREE SOURCES OF HEAT** for superior heat production and consistent output.
- » **TRUE DUMPLESS OPERATION** saves water, chemicals, and tank space.
- » **THROUGH-FRAME DRIVE BELT COOLING** significantly reduces downtime by extending belt life.
- » **EASY-TO-REMOVE ACCESS PANEL AND SIDE HOODS** allows for quick service.

570SS STANDARD EQUIPMENT

- One 12 in. quad jet double bend stainless steel wand
- One 50 ft. section of 2½ in. vacuum hose
- Two 50 ft. sections of 2 in. vacuum hose
- One reducer cuff and one connector cuff
- Three 50 ft. sections of ¼ in. high pressure solution hose. One section is fitted with a shut-off valve.
- One 50 ft. section of water hose with quick-connect
- Battery box
- Installation kit
- Operation and service manual

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DRI-EAZ PRORESTORE

870ss

The highest pressure truckmount delivers more heat, more vacuum, and more pressure.

The 870SS is one of the most powerful slide-in truckmounts on the market, producing up to 2500 psi heated solution. Triple-source heat makes the 870SS perfect for hard surface cleaning at higher pressure and for large commercial jobs. For the highest performance and durability – choose the 870SS.

POWER PLANT	63 HP 1.6 L Ford TSG-416 four cylinder liquid-cooled engine operating at 2600 RPM.
VACUUM PUMP	Gardner Denver TriFlow® 410 rotary tri-lobe blower producing vacuum to 16 in.
SOLUTION PUMP	General HTS2016S producing up to 2500 PSI and 5.7 GPM at 1470 RPM.
WASTE TANK	120 gal. marine-grade aluminum
FRAME CONSTRUCTION	MIG-welded 1/8 in. × 2 in. powder-coated steel box tubing
WEIGHT	1320lbs. | 599kg
CONSOLE (W × H × D)	30 × 44 × 52.5 in. | 76 × 112 × 133 cm

FEATURES

» **MAXIMUM VERSATILITY.** Clean carpet, hard surfaces, upholstery.

» **RESTORATION-READY.** Huge extraction capacity means fast water cleanup so you can restore water damaged sites quickly. Run two tools simultaneuosly!

» **NEXT-GENERATION POWER PLANT.** Liquid-cooled engine is fully EPA-compliant through 2015.

» **SUPPORTS THREE OPERATORS:** Run two wands and one upholstery tool simultaneously

» **POWERED BY FORD'S industrial grade TS G-416 motor**

» **COVERED UNDER SAPPHIRE'S EXCLUSIVE TWO-YEAR PARTS AND LABOR WARRANTY.**

870SS STANDARD EQUIPMENT

- One 12 in. quad jet double bend stainless steel cleaning wand
- One 50 ft. section of 2½ in. vacuum hose
- Two 50 ft. sections of 2 in. vacuum hose
- One reducer cuff and one connector cuff
- Three 50 ft. sections of ¼ in. high pressure solution hose. One section is fitted with a shut-off valve.
- One 50 ft. section of water supply hose with quick-connect
- Battery box
- Installation kit
- Operation and service manual

Both units produce up to 2500 psi heated solution

2500 HS

Full pressure, full flow, full heat for true hard surface cleaning - and more!

Expand your business into the lucrative tile and grout, stone and concrete cleaning arena and provide carpet cleaning and restoration extraction and cleanup. The 2500HS gives you the edge over unheated units, delivering more vacuum, more solution pressure, a deeper clean for more satisfied customers and a stronger bottom line.

POWER PLANT	35 HP Briggs & Stratton air-cooled gasoline engine
VACUUM PUMP	Gardner Denver TriFlow® Ti-406 tri-lobe blower producing vacuum to 16 in. Hg and flows up to 371 CFM.
SOLUTION PUMP	General HTS2016S producing up to 2500 PSI and 5.6 GPM at 1450 RPM.
WASTE TANK	90 gal. marine grade aluminum – 75 gal. at shutoff. **Optional:** 120 gal. high capacity waste tank
CONSOLE (W × H × D)	20 × 40 × 48 in. | 51 × 102 × 122 cm
FRESHWATER TANK CAPACITY (OPTIONAL)	Compatible with the 70 gal. submount tank
WEIGHT	893 lbs. | 405 kg

FEATURES

» **PREMIUM BRIGGS & STRATTON 35 HP INDUSTRIAL ENGINE** – backed by Sapphire's full two-year warranty.

» **MAXIMUM VACUUM** – 2.5 in. diameter vacuum throughout machine minimizes airflow restrictions.

» **STRONG, STEADY HEAT EVEN IN THE MOST DEMANDING APPLICATIONS.** Dual-source heat well captures heat from the engine exhaust and the blower.

» **LONGER-LASTING BELTS.** Unique frame design channels cool air to the belts through the frame tubing, extending belt lifespan.

» **SIMPLIFIED MAINTENANCE.** Reduced number of parts, including simplified wiring and shorter interior hoses for better access, performance and durability.

2500HS STANDARD EQUIPMENT

- Two 50 ft. sections of 2 in. vacuum hose
- Two 50 ft. sections of ¼ in. high pressure solution hose, one with shut-off valve
- Battery box
- Installation kit
- Operation and service manual
- SX12 or TurboForce hard surface tool

All Sapphire product specifications are subject to change.

RAGE

Outrageous quality. Outrageous value.

Thinking about setting up a truckmount-based carpet cleaning business? Want to graduate from portables to truckmount performance? Need to expand your business at a lower cost? Get the Rage, offering high quality components and superior engineering in a truly affordable package – as low as $10 per day with Sapphire financing.

- » VALUE-PRICED WITH SUPERIOR ENGINEERING
- » EASY TO OPERATE
- » NARROW PROFILE – ONLY 17 IN. WIDE! – nearly half the width of the nearest competitor
- » BELT DRIVE for quiet, reliable operation and easy maintenance.
- » SERVICED BY NORTH AMERICA'S LARGEST DISTRIBUTOR NETWORK

POWER PLANT	18 HP Briggs & Stratton Vanguard gasoline engine.
BLOWER	Tuthill 3006 dual-lobe. Vacuum to 15 in. Hg and flows up to 311 CFM.
SOLUTION PUMP	General TX1810S17 producing up to 1000 PSI and 2.7 GPM at 1478 RPM.
WASTE TANK	90 gal. marine-grade aluminum
FRAME CONSTRUCTION	2 in. steel box tubing. Powder-coat finish.
CONSOLE (W × H × D) **DIMENSIONS**	17 × 32.5 × 38.3 in. | 43.2 × 82.5 × 97.2 cm
WEIGHT	520 lbs. | 236 KG

RAGE STANDARD EQUIPMENT

- One 12 in. dual jet wand double bend stainless steel wand
- Two 50 ft. sections of 2 in. vacuum hose
- Two 50 ft. sections of ¼ in. high pressure hose, one with shut-off valve
- Installation kit
- Instruction manual

FLOOD EXTRACTORS

Big Gulp 3500

Fast and efficient water removal.

The Big Gulp 3500 is a highly efficient, narrow-footprint truckmount for any location where water must be removed quickly. Purpose-built for extraction, the 3500 delivers the simple operation, performance and reliability you need.

POWER PLANT	31 HP Briggs & Stratton Big Block gasoline engine.
BLOWER	Gardner Denver TriFlow® 408 rotary tri-lobe blower producing vacuum to 16 in. Hg and flows up to 500 CFM.
VACUUM PORTS	Two 2-inch vacuum ports
AUTOMATIC PUMPOUT (OPTIONAL)	Jabsco self-priming with electromagnetic clutch drive. Delivers up to 45 GPM.
WASTE TANK	120 gal. marine-grade aluminum
FRAME CONSTRUCTION	2 in. steel box tubing.
CONSOLE (W × H × D) **DIMENSIONS**	20 × 38 × 43½ in. | 51 × 97 × 110 cm

BIG GULP 3500 STANDARD EQUIPMENT

- One 50 ft. section of 2 in. vacuum hose
- One 50 ft. section of 2½ in. vacuum hose with reducer cuff

Big Gulp 4500

The ultimate extraction powerhouse

The 4500 has massive capacity for water removal. Ideal for use in homes, businesses, production facilities, or commercial locations, the Big Gulp makes fast work of any water extraction jobs. Designed and engineered by truckmount veterans and constructed with premium-quality components throughout, the Big Gulp is easy to operate, easy to maintain, and will provide reliable service for years to come.

POWER PLANT	35 HP Briggs & Stratton Big Block gasoline engine.
BLOWER	Gardner Denver TriFlow® 410 rotary tri-lobe blower producing vacuum to 16 in. Hg and flows up to 708 CFM.
VACUUM PORTS	Two 2.5-inch vacuum ports
AUTOMATIC PUMPOUT	Jabsco self-priming with electromagnetic clutch drive. Delivers up to 45 GPM.
WASTE TANK	120 gal. marine-grade aluminum
FRAME CONSTRUCTION	2 in. steel box tubing.
CONSOLE (W × H × D) **DIMENSIONS**	20 × 38 × 48 in. | 51 × 97 × 122 cm

BIG GULP 4500 STANDARD EQUIPMENT

- One 50 ft. section of 2 in. vacuum hose
- One 50 ft. section of 2½ in. vacuum hose with reducer cuff
- Automatic Pumpout: Jabsco self-priming with electromagnetic clutch drive. Delivers up to 45 GPM.

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DRIEAZ PRORESTORE

HOSS 700 ROTARY CLEANING TOOL

Cleans carpets faster and leaves them drier

The Sapphire HOSS 700's 15-inch wide cleaning platform delivers up to 700 cleaning passes per minute to make fast work of the largest jobs. A unique helical solution injection pattern ensures streak-free application while unique floating heads provide deep agitation and a tight vacuum seal. The result? Cleaner, drier carpets and a stronger bottom line for your business.

CLEANING HEAD DIAMETER	15 in. — largest in the industry
MOTOR	0.5 HP dual-capacitor start. Shear pin protected
TRANSMISSION	Helical gearing with industrial grade ball-bearing mounts. Oil-bath lubrication. Cast aluminum case.
SOLUTION CONTROL	Brass fittings with inline filter and ergonomic trigger lever.
ELECTRICAL CONTROL	Ergonomic lever
TRANSPORT	Easy-roll 6 in. wheels

SAPPHIRE PORTABLE EXTRACTORS

Take the science of clean anywhere you need to go.

Expand your cleaning opportunities with the mobility of Sapphire extractors. These professional-grade high-efficiency units let you take Sapphire Scientific cleaning power into high rises, commercial settings, secure areas, and more. Choose from heated, unheated and/or high pressure units and put yourself ahead of the competition.

MODELS
SS-P 150 78-001. 150 PSI. 75 lbs. | 34 kg
SS-P 150H 78-002. 150 PSI, 2000W heater. 83 lbs. | 38 kg
SS-P 500 78-003. 500 PSI adjustable. Pressure gauge. 90 lbs. | 41 kg
SS-P 500H 78-004. 500 PSI adjustable. 2000W heater. Pressure gauge. 98 lbs. | 45 kg
SS-P 1200EX 78-005, 1200 PSI adjustable. Pressure gauge. Auto-fill. Auto-dumpout. 124 lbs. | 56 kg

VACUUM MOTOR	Double dual-stage. Installed in series. 309 air watts.
CAPACITY	Solution tank 10 gal. | 37.9 l Recovery tank: 10 gal. | 37.9 l
CONSTRUCTION	Rotomolded polyethylene housing and handle; 10 in. semi-pneumatic wheels.
CLOSED WATERLIFT	137 in.
POWER CORDS	25 ft.; two 25 ft. cords for heated units
DRAIN VALVE	Gate type
FLOAT SHUT-OFF	Ball type
DIMENSIONS (W × H × D)	39.5 × 32 × 19.75 in. | 100.3 × 81.2 × 50.2 cm

Portable Hoses and Wand Kit (SOLD SEPARATELY) 48-075
1 25 ft. section of ¼ in. solution hose with quick disconnect
1 25 ft. section of 2 in. vacuum hose fitted with 1½ in. and 2 in. cuffs
1 Sapphire double-bend cleaning wand

HVE 3000

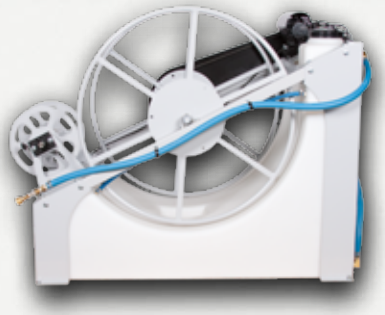
Ultimate Flood Pumper and Inline Truckmount Booster

The HVE3000 is the only dual-function inline truckmount booster and pumpout AND portable flood extractor. Team it up with a truckmount and the HVE3000 will help keep your recovery tank clean and maximize your truckmount vacuum performance even on the longest hose runs. Team it with your a wand for fast flood extraction in multi-level apartments, hotels, schools, hospitals, and office buildings – wherever access, security or noise issues prevent use of a truckmount.

WATER LIFT | CFM	160 in. | 100 CFM
DISCHARGE RATE	50 gpm @ 5 ft. of head
TANK CAPACITY	12 gal.
POWER (120V) (2 CIRCUITS)	12A (Pumpout + Blower 1) 13.5A (+ Blower 2)
SUMP PUMP POWER	1/3 HP
WEIGHT	127 lbs.

SAPPHIRE ACCESSORIES

PERFORMANCE ENGINEERING



THE WATER POND
Imitated but not duplicated

Designed by one of the world's most experienced truckmount outfitters, the Water Pond is the original space-saving fresh water tank and motorized hose reel combination. This unique design incorporates a 120 gal. tank and two reels that hold 250 ft. of vacuum and solution hose each.

SLIM PROFILE MOTORIZED HOSE REEL

Save van space and keep vacuum hoses and pressure lines tidy, neatly stored and ready to use. Electric motor makes hose retrieval a snap.

SUB-MOUNT WATER TANK

For 270SS, 370SS and 454SS model truckmounts. Space-saving design boosts your fresh water capacity and saves room in your vehicle. 76 gal. capacity.

PRO-1200 SUB-MOUNT TANK

The new submount tank for the Pro-1200 helps you preserve space in your vehicle while holding up to 84 gallons of waste water. Reduce time lost emptying smaller tanks to boost your productivity and streamline your cleaning.

STUDEBAKER AIRPATH™

Dry carpets and hard surface floors with powerful 360-degree airflow. The AirPath includes locking wheel casters to stay firmly in place when drying hard surface floors in minutes – not hours.

STRYKER CLEANING AND EXTRACTION WAND

The Stryker Cleaning and Extraction Wand simultaneously provides deep, rapid penetration of solution and thorough extraction. Constructed of high-grade stainless steel teamed with an innovative rotomolded handle and a unique extraction head, the Stryker brings true single-pass cleaning to carpet cleaning.

UPHOLSTERY PRO

Now you can effectively clean a wide range of fabrics and soiling conditions and leave them drier than traditional tools. Precision flow control allows for easy, on-the-fly adjustments. And the Upholstery Pro's unique continuous flow design allows you to extract in both directions for the best clean possible.

CDV FILTER BOX

Capture carpet fiber and other debris before it reaches your waste tank. A removable clear polycarbonate window allows easy monitoring of filtering progress while in use. A stainless lift-out filter cage captures debris and provides for simple cleaning.

See fulll line of Sapphire Accessories at www.SapphireScientific.com

Got a smart phone? Scan this QR code to see accessories

SapphireSCIENTIFIC

Sample of available products.

Sapphire System

SMARTER TOOLS FOR THE WAY YOU WORK

Sapphire Scientific offers safer, more effective cleaning chemicals in a system that is easy to use and leaves a clean, fresh scent. Utilizing the latest non-volatile, odor-free solvents and fully biodegradable detergents, Sapphire's superior cleaning technology helps you tackle even the toughest jobs. Plus, Sapphire's streamlined system simplifies application, reduces training requirements, and helps ensure a thorough clean every time.

See all Sapphire Scientific products at www.SapphireScientific.com

More online...
Scan QR code with your smartphone to see Sapphire's full line of specialty products and boosters

CARPET CLEANING SYSTEM

Get a deep clean, a thorough rinse and a soft finish on every carpet

The Sapphire Scientific system is a fully-integrated carpet cleaning system that lets you power out dirt and soil in a broad range of carpet types and soiling conditions. Formulated by long-time industry experts, these products are designed to work together to help you to tackle even the most challenging carpet cleaning situations fast and efficiently.

Scan QR code with your smartphone to find out more

» Fission Heavy Duty Traffic Lane Cleaner with SST
Most effective traffic lane cleaner on the market — with unique Soil Separation Technology.™

» DynaForce Concentrated Carpet Cleaning Detergent
Excellent fast-dissolving emulsifying rinse.

» VersaClean
Low-foam encapsulating formulation ensures efficient equipment operation and highly effective cleaning.

» FiberSoft Rapid Rinse and Cleaner
Thoroughly removes detergent residues after primary cleaning, leaving fibers soft and resistant to resoiling.

TOWER OF POWER »»»»»»»

For unbeatable every day carpet cleaning

VersaClean
Versatile and highly effective low-foam carpet cleaning detergent– for portable or truckmount use
VersaClean outperforms competitive products in cleaning power and in cost-per-use. The product's extremely low foam characteristics ensure proper equipment operation and VersaClean's encapsulation properties capture additional soils, easily removed by follow-up vacuuming. Also performs well as an all-purpose spotter.

Fission
With Soil Separation Technology™ – powers through grease, oil and particulate soils
Fission with SST has a unique array of surfactants and solvents that enable it to clean as effectively as aggressive cleaners without the risks associated with harsher alkalinity. SST refers to the product's unique ability to detach even tightly-bound particulates from carpet yarns and suspend them for removal.

Oxcelerate
Attacks and removes even the toughest stains and odors
Oxcelerate uses an oxygen bleach formulation to power out residual odors and stains. Highly effective on pet urine, wine, algae and many other substances. Can also be used to remove stubborn stains from tile, grout lines, concrete and other hard surfaces.

PERFORMANCE ENGINEERING

SPECIALTY TREATMENTS

Powerful spotters and boosters remove stains and enhance cleaning performance

Sapphire's powerful treatments effectively remove stains from coffee, tea, wine, juice, grease, oil, and can tackle the most persistent pet stains and odors. Using formulations refined by extensive field testing, Sapphire will help you tackle the toughest stains and odors.

Pet Odor & Stain Prespotter
Emulsifies hard-to-dissolve urine residues for superior stain and odor control.

Pet Odor & Stain Treatment
Bioenzymatic action thoroughly cleans and deodorizes.

RedXit
One-step spotter removes stains caused by sports drinks, soft drinks and red wine.

UPHOLSTERY

Upholstery PreSpray
All-purpose upholstery prespray dissolves the toughest soils – yet rinses clean! Alkaline formulation quickly dissolves dirt and breaks down oils on contact and suspends them for easy removal.

Upholstery Rinse
A mild acidic rinse agent that neutralizes alkalinity in the final rinse step and leaves fibers soft and residue-free.

Plus 3
Aggressive restoration cleaner tackles the toughest odors and soils. Especially effective on heavily soiled upholstery damaged by flood or fire. **Recommended for in-plant use only.**

BOTH

Natural Fiber Cleaner
Single-step product cleans natural fibers thoroughly and helps prevent bleeding and browning. The low pH leaves a silky hand feel, and in most situations no rinse is required. Just apply, extract, dry and you're done!

Dye Stabilizer & Rinse
Prevents dye loss and migration and even helps to correct dye migration and browning from previous cleaning attempts. Works as well as acetic acid but without the unpleasant odor. Use as a rinse extraction after cleaning.

Fiber Smoke Wash
Fiber Smoke Wash's specialty surfactants and powerful solvent system attack greasy, oily soils, while select essential oils help to counteract smoke odors. Can be used as a preconditioner and as a dry foam cleaner.
Recommended for in-plant use only.

RUG

Unlike other chemicals currently used for rug cleaning – either outdated formulations or just carpet cleaning chemicals relabeled for use on rugs – Sapphire has developed its rug products specifically for specialists who want to have the expert confidence to expand into rug cleaning.

Area Rug Cleaner and Deodorizer
Tackles the toughest soiling and odor problems in area rugs. Can also reverse water staining and browning. Safe for use on wool and other natural fibers and great for use on upholstery. Follow with a neutralizing rinse.
In-plant use only.

NEW! CERTIFIED GREEN CLEANING

Sapphire Scientific is proud to announce an all-new line of products designed to serve the needs of customers who require third-party green certified cleaning solutions. These products provide earth-friendly cleaning for carpet and hard surface cleaners, janitorial services and more.

Carpet Prespray and Rinse	Prespray for use on lightly to moderately soiled carpet. Follow with plain water extraction rinse. For heavily soiled carpet, follow with Natural Traffic Lane Cleaner extraction rinse. Certified by **WoolSafe, CRI, DfE.**
Traffic Lane Cleaner	Prespray for use on heavily soiled carpeting. Follow with a plain water rinse or with Natural Carpet Prespray and Rinse. **Certified by DfE.**
Concrete, Tile and Grout Cleaner	Heavy duty cleaning of concrete, tile and grout. **Certified by Green Seal.**
Concrete, Tile and Grout Brightener	Removes hard water scale and brightens grout. **Certified by DfE.**
Floor Cleaner	Routine damp mopping or auto scrubbing for both resilient and non resilient floors. **Certified by DfE.**
Concrete, Tile and Grout Stain Remover	Stain remover for concrete, tile, grout and other non-resilient surfaces. **Certified by Green Seal.**
Cleanser	Scrubbing of moderately soiled surfaces such as stainless steel sinks. **Certified by DfE.**
Upholstery Rug Cleaner	Acidic cleaner for fine textiles. **Certified by WoolSafe, CRI, DfE.**
Glass and Counter Cleaner	Routine cleaning of hard surfaces throughout a building. **Certified by DfE.**
Tub, Tile & Bowl Cleaner	Removes hard water scale from plumbing fixtures. **Certified by DfE.**
Dilution & Dispensing System (DDS)	Convenient system for dispensing product for spray and wipe applications. Allows on-the-fly concentration adjustment to save product.

PROUDLY BUILT IN USA

WWW.SAPPHIRESCIENTIFIC.COM

HARD SURFACE CLEANING SYSTEM

Clean, brighten, seal and maintain tile, grout, concrete, stone and other hard surfaces

Tile, stone, and concrete installations are increasingly common in homes, businesses and facilities - and so is the need to clean them. Cash in on this opportunity with Sapphire's system of powerful, low-odor treatments that make cleaning, brightening, sealing and maintaining hard surfaces fast, effective and profitable.

Concrete, Tile & Grout Cleaner
Low odor, low foam workhorse cleaner for tile and grout.

Penetrating Tile & Grout Sealer
Protects cleaned surfaces from water and oil based spills.

Concrete, Tile & Grout Brightener
Low corrosion, low odor application brightens hard surfaces.

Neutral Floor Cleaner
Neutral pH no-rinse formulation – excellent for regular cleaning.

Oxcelerate
Oxygen-based bleach removes urine odors and stains; removes natural dye stains on grout.

BUSINESS RESOURCES

Build your business through Sapphire's industry-leading cleaning technology and education

Sapphire supports carpet cleaning, area rug cleaning and hard surface cleaning professionals through a variety of training resources. Visit **www.SapphireScientific.com** for FREE downloadable technician checklists, cleaning procedures, white papers, spotting guides, and more.

THE 870 IS THE ONLY MACHINE WITH HIGH HEAT AND PRESSURE TO RUN TWO HARD SURFACE TOOLS SIMULTANEOUSLY!

NEW! Boost your skills any time with RSA Online

In cooperation with Restoration Sciences Academy, Sapphire is offering Area Rug Cleaning certification through RSA Online. Taught by experienced cleaning professionals, this highly-interactive service provides professional training at your convenience 24 hours a day, 7 days a week. Visit **www.RSA-HQ.com** or **Store.RSA-HQ.com** for all details.

FREE Cleaning App!
Scan to download Sapphire's Carpet Cleaning Mobile App. Cleaning procedures, product applications, and quick tips. Free at the Apple Store!

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DRIEAZ PRORESTORE